



Inside dashed line is on board.

Red only: Shut off
Both: Active CC
Green only: Full on

To MOT coils via Mag-0-Matic

- J1 BNC "future use" (TTL)
- J2 BNC "%I" (TTL)
- J3 BNC "Enable" (TTL)
- J4 BNC "Full On" (TTL)
- J8 BNC "Coarse Adj" (±3A) (±10V)
- J9 BNC "Fine Adj" (±300mA) (±10V)

NOTES:

- 1) Capacitors without values are 0.1uF ceramic.
- 2) Wire 6AWG or quad 12AWG for heavy nets.
- 3) Heatsink IGBT at 1°/W.
- 4) Resistor value suffix: -1p is 1PPM/°, -10p is 10PPM/°, others 100PPM/°.
- 5) "Enable" must be on for "Full On" to work.
- 6) See separate BOM for part numbers.

Ltr	Date	By	Description
B	A.Stummer	Sept '10	Added "%I" control, removed drain monitor, added Coarse Adj, misc minor.
A1	A.Stummer	Nov '07	First version, roughly based on Mag-0-Matic2.

REVISIONS	
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